

EXHIBIT 2



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 10731029

Invention title/Inventor MECHANISM FOR DETECTION OF ATTACKS BASED ON IMPERSONATION IN A WIRELESS NETWORK Frederic Gariador, Vinod Kumar Choyi, Andrew Robison	Patent 7409715 Aug 5, 2008	Publication 20050144544 Jun 30, 2005	Application 10731029 Dec 10, 2003	PCT	International registration
---	----------------------------------	--	---	-----	-------------------------------

Assignments (4 total)

Assignment 4

Reel/frame 044326/0470	Execution date Dec 4, 2017	Date recorded Dec 7, 2017	Properties 15	Pages 12
---------------------------	-------------------------------	------------------------------	------------------	-------------

Conveyance
SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
WSOU INVESTMENTS, LLC

Correspondent
ERICK J. PALMER
P.O. BOX 2828
CHICAGO, IL 60690-2828

Assignee
OMEGA CREDIT OPPORTUNITIES MASTER FUND, LP
C/O OMEGA ADVISORS, 810 7TH AVENUE
33RD FLOOR
NEW YORK, NEW YORK 10019

Assignment 3

Reel/frame 052688/0502	Execution date Nov 30, 2017	Date recorded May 18, 2020	Properties 5	Pages 8
---------------------------	--------------------------------	-------------------------------	-----------------	------------

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
ALCATEL LUCENT

Correspondent
SEAN D. BURDICK
2537 W. STATE STREET
SUITE 220
BOISE, ID 83702

Assignee
WSOU INVESTMENTS LLC
11150 SANTA MONICA BLVD.
SUITE 1400
LOS ANGELES, CALIFORNIA 90025

Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
021170/0672	Nov 30, 2006	Jun 30, 2008	1	4

Conveyance
CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignors
ALCATEL

Correspondent
GREGORY J. MURGIA
3400 W. PLANO PARKWAY
MS LEGL2
PLANO, TX 75075

Assignee
ALCATEL LUCENT
54, RUE LA BOETIE
PARIS 75008
FRANCE

Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
014785/0220	Dec 4, 2003	Dec 10, 2003	1	4

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
GARIADOR, FREDERIC
CHOYI, VINOD KUMAR
ROBISON, ANDREW

Correspondent
KRAMER & AMADO, P.C.
TERRY W. KRAMER
2001 JEFFERSON DAVIS HIGHWAY
SUITE 1101
ARLINGTON, VA 22202

Assignee
ALCATEL
54, RUE LA BOETIE
PARIS 75008
FRANCE



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 13010382

Invention title/Inventor IP Multicast Snooping and Routing with Multi-Chassis Link Aggregation Kevin J. Humphries	Patent 8472447 Jun 25, 2013	Publication 20120033668 Feb 9, 2012	Application 13010382 Jan 20, 2011	PCT	International registration
---	-----------------------------------	---	---	-----	-------------------------------

Assignments (8 total)

Assignment 8

Reel/frame 049246/0405	Execution date May 16, 2019	Date recorded May 21, 2019	Properties 3944	Pages 315
---------------------------	--------------------------------	-------------------------------	--------------------	--------------

Conveyance
RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).

Assignors OCO OPPORTUNITIES MASTER FUND, L.P. (F/K/A OMEGA CREDIT OPPORTUNITIES MASTER FUND LP	Correspondent ERICK J. PALMER P.O. BOX 2828 CHICAGO, IL 60690-2828
--	---

Assignee
WSOU INVESTMENTS, LLC
11150 SANTA MONICA BOULEVARD, SUITE 1400
LOS ANGELES, CALIFORNIA 90025

Assignment 7

Reel/frame 049235/0068	Execution date May 16, 2019	Date recorded May 20, 2019	Properties 2320	Pages 118
---------------------------	--------------------------------	-------------------------------	--------------------	--------------

Conveyance
SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors WSOU INVESTMENTS, LLC	Correspondent BROWN RUDNICK LLP ONE FINANCIAL CENTER BOSTON, MA 02111
------------------------------------	--

Assignee
BP FUNDING TRUST, SERIES SPL-VI
44 SOUTH BROADWAY, 11TH FLOOR
C/O BASEPOINT ADMINISTRATIVE, LLC
WHITE PLAINS, NEW YORK 10601

Assignment 6

Reel/frame	Execution date	Date recorded	Properties	Pages
043966/0574	Aug 22, 2017	Sep 21, 2017	3944	316
Conveyance SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).				

Assignors
WSOU INVESTMENTS, LLC

Correspondent
ERICK J. PALMER
P.O. BOX 2828
CHICAGO, IL 60690-2828

Assignee
OMEGA CREDIT OPPORTUNITIES MASTER FUND, LP
C/O OMEGA ADVISORS, INC. - 810 7TH AVENUE
33RD FLOOR
NEW YORK, NEW YORK 10019

Assignment 5

Reel/frame	Execution date	Date recorded	Properties	Pages
044000/0053	Jul 22, 2017	Sep 25, 2017	2979	238
Conveyance ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).				

Assignors
ALCATEL LUCENT

Correspondent
BURDICK PATENTS
2526 W. STATE STREET
BOISE, ID 83702

Assignee
WSOU INVESTMENTS, LLC
11150 SANTA MONICA BLVD.
SUITE 1400
LOS ANGELES, CALIFORNIA 90025

Assignment 4

Reel/frame	Execution date	Date recorded	Properties	Pages
033949/0016	Aug 19, 2014	Oct 9, 2014	1202	238
Conveyance RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).				

Assignors
CREDIT SUISSE AG

Correspondent
EDWARD SADTLER
KIRKLAND & ELLIS LLP
601 LEXINGTON AVENUE
NEW YORK, NY 10022

Assignee
ALCATEL-LUCENT USA INC.
600 MOUNTAIN AVENUE
MURRAY HILL, NEW JERSEY 07947

Assignment 3

Reel/frame	Execution date	Date recorded	Properties	Pages
030510/0627	Jan 30, 2013	Mar 7, 2013	5303	202
Conveyance SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).				

Assignors
ALCATEL-LUCENT USA INC.

Correspondent
DANIEL ST. ONGE, ESQ.
KIRKLAND & ELLIS LLP
601 LEXINGTON AVENUE
NEW YORK, NY 10022

Assignee
CREDIT SUISSE AG
ELEVEN MADISON AVENUE
NEW YORK, NEW YORK 10010

Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
027729/0802	Feb 16, 2012	Feb 20, 2012	57	7

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
ALCATEL-LUCENT USA INC.

Correspondent
GREGORY J. MURGIA
600-700 MOUNTAIN AVENUE
DOCKET ADMINISTRATOR - ROOM 3D-201
MURRAY HILL, NJ 07974-0636

Assignee
ALCATEL LUCENT
3, AVENUE OCTAVE GREARD
PARIS 75007
FRANCE

Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
025672/0190	Jan 19, 2011	Jan 20, 2011	1	2

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
HUMPHRIES, KEVIN J.

Correspondent
GARLICK HARRISON & MARKISON
P.O. BOX 160727
AUSTIN, TX 78716-0727

Assignee
ALCATEL-LUCENT USA INC.
600-700 MOUNTAIN AVENUE
MURRAY HILL, NEW JERSEY 07974-0636



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 14302052

Invention title/Inventor SOFTWARE DEFINED NETWORKING BASED CONGESTION CONTROL Jae Hyun HWANG, Thierry KLEIN	Patent 9450884 Sep 20, 2016	Publication 20150365325 Dec 17, 2015	Application 14302052 Jun 11, 2014	PCT	International registration
---	-----------------------------------	--	---	-----	-------------------------------

Assignments (7 total)

Assignment 7

Reel/frame 052372/0675	Execution date Nov 26, 2019	Date recorded Apr 10, 2020	Properties 150	Pages 45
---------------------------	--------------------------------	-------------------------------	-------------------	-------------

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
ALCATEL LUCENT

Correspondent
SEAN D. BURDICK
2537 W. STATE STREET
SUITE 220
BOISE, ID 83702

Assignee
WSOU INVESTMENTS, LLC
11150 SANTA MONICA BLVD.
SUITE 1400
LOS ANGELES, CALIFORNIA 90025

Assignment 6

Reel/frame 039865/0978	Execution date Sep 21, 2016	Date recorded Sep 27, 2016	Properties 11	Pages 6
---------------------------	--------------------------------	-------------------------------	------------------	------------

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
ALCATEL-LUCENT USA INC.

Correspondent
DOCKET ADMINISTRATOR
600-700 MOUNTAIN AVENUE
ROOM 3B-212F
MURRAY HILL, NJ 07974-0636

Assignee
ALCATEL LUCENT
148/152 ROUTE DE LA REINE
BOULOGNE-BILLANCOURT 92100
FRANCE

Assignment 5

Reel/frame	Execution date	Date recorded	Properties	Pages
039323/0024	Jun 2, 2016	Jul 13, 2016	1	3

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
BELL LABS SEOUL LTD.

Correspondent
DOCKET ADMINISTRATOR
600-700 MOUNTAIN AVENUE
ROOM 3B-212F
MURRAY HILL, NJ 07974-0636

Assignee
ALCATEL LUCENT
148/152 ROUTE DE LA REINE
BOULOGNE-BILLANCOURT 92100
FRANCE

Assignment 4

Reel/frame	Execution date	Date recorded	Properties	Pages
033776/0349	Sep 15, 2014	Sep 19, 2014	1	3

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
KLEIN, THIERRY E

Correspondent
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

Assignee
ALCATEL-LUCENT USA INC.
600 MOUNTAIN AVENUE (ROOM 3D-201)
PO BOX 636
MURRAY HILL, NEW JERSEY 07974-0636

Assignment 3

Reel/frame	Execution date	Date recorded	Properties	Pages
033776/0368	Sep 12, 2014	Sep 19, 2014	1	3

Conveyance
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors
HWANG, JAE HYUN

Correspondent
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

Assignee
BELL LABS SEOUL LTD.
7 FL., DMC R&D CENTER, 37 MAEBONGSANRO, MAPO-GU
SEOUL 121-904
KOREA, REPUBLIC OF

Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
033655/0304	Aug 19, 2014	Aug 28, 2014	94	13

Conveyance
RELEASE OF SECURITY INTEREST

Assignors
CREDIT SUISSE AG

Correspondent
KIRKLAND & ELLIS LLP
ATTN: HAYLEY SMITH SR.
601 LEXINGTON AVENUE
NEW YORK, NY 10022

Assignee
ALCATEL LUCENT
3, AVENUE OCTAVE GRÉARD, 75007
PARIS 07947
FRANCE

Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
033500/0302	Aug 6, 2014	Aug 7, 2014	94	14

Conveyance
SECURITY INTEREST

Assignors
ALCATEL LUCENT

Correspondent
EDWARD SADTLER
KIRKLAND & ELLIS LLP
601 LEXINGTON AVENUE
NEW YORK, NY 10022

Assignee
CREDIT SUISSE AG
11 MADISON AVENUE
NEW YORK, NEW YORK 10010